

## **Shukla, Ram**

---

**From:** Shukla, Ram  
**Sent:** Wednesday, August 08, 2001 12:31 PM  
**To:** Angell, Jon E; Baker, Anne; Beckerleg, Anne Marie; Brunovskis, Peter; Chen, Shin-Lin; Clark, Deborah; Crouch, Deborah; Drabik, Christopher; Hauda, Karen; Kaushal, Sumesh; Kerr, Janet; Li, Janice; Martin, Jill; Martinell, James; Nguyen, Dave; Nguyen, Quang; Paras, Peter; Priebe, Scott; Puri, Beena; Qian, Celine; Schnizer, Richard; Whiteman, Brian; Wilson, Michael; Woitach, Joseph; Brusca, John; Butler, Thomas; Davis, Katharine; Epps, Janet; Gansheroff, Lisa; Guzo, David; Katcheves, Konstantina; Ketter, James; Lacourciere, Karen; Larson, Thom; Leffers, Gerald; LeGuyader, John; Loeb, Bronwen; McGarry, Sean; McKelvey, Terry; Nguyen, Lien-Chi; Railey, Johnny; Sandals, William; Schmidt, Mary; Schwartzman, Robert; Shibuya, Mark; Shuman, Jon; Wang, Andrew; Yucel, Irem; Zara, Jane  
**Subject:** Infosearch

I am ready to allow:

A method to activate expression of an endogenous gene in an isolated eukaryotic cell comprising introducing a vector construct into said isolated eukaryotic cell, said vector construct comprising in operable combination:

- 1) a promoter;
- 2) an exon sequence located 3' from and expressed by said promoter, said exon being derived from a naturally-occurring eukaryotic gene and not being a screenable marker gene; and
- 3) a splice donor sequence defining the 3' region of said exon, said splice donor sequence being derived from a naturally occurring eukaryotic gene; wherein said vector construct is non-homologously incorporated into the genome of said isolated eukaryotic cell and said splice donor sequence of the transcript encoded by said exon is spliced to a splice acceptor sequence of said endogenous gene.

Priority date 9/24/97.

I am aware of possible interference with 6,080,576.

Any other conflicts?

.....  
*Ram R. Shukla, Ph.D.*

Patent Examiner  
AU 1632  
Crystal Mall 1, Rm 12E03  
USPTO  
Phone: (703) 305-1677  
Fax : (703) 746-3103

(FILE 'HOME' ENTERED AT 12:33:32 ON 08 AUG 2001)

FILE 'MEDLINE' ENTERED AT 12:33:44 ON 08 AUG 2001

L1 477521 S ACTIVA?  
L2 775 S ENDOGEN? GENE  
L3 105933 S ENDOGEN?  
L4 71992 S VECTOR  
L5 81462 S PROMOTER  
L6 36621 S EXON  
L7 847 S (SPLICE DONOR) OR (UNPAIRED SPLICE DONOR)  
L8 0 S L1 (S) L2 (S) L3 (S) L4 (S) L5 (S) L6 (S) L7  
L9 0 S L1 AND L2 AND L3 AND L4 AND L5 AND L6 AND L7  
L10 7 S L4 AND L5 AND L6 AND L7

FILE 'CAPLUS' ENTERED AT 12:38:00 ON 08 AUG 2001

FILE 'CAPLUS, MEDLINE, EMBASE, BIOSIS' ENTERED AT 12:38:18 ON 08 AUG 2001

L11 3430 S L7  
L12 0 S L8  
L13 2 S L9  
L14 34 S L10  
L15 20 DUP REM L14 (14 DUPLICATES REMOVED)

L Number	Hits	Search Text	DB	Time stamp
1	800584	activat\$	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/08/08 12:44
2	1914	endogen\$ ADJ gene	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/08/08 12:44
14	1	vector same promoter same exon same (unpaired ADJ splice ADJ donor)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/08/08 12:46
8	46	vector same promoter same exon same ((splice ADJ donor) or (unpaired ADJ splice ADJ donor))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/08/08 12:46